Index to Volume 18

Achilles tendon rupture, surgical repair, 188
ACL
  deficient knee
    conservative treatment, 618
    hamstring muscle timing, 245
    meniscus repair, 606
  loading to activate quadriceps or hamstring, 595
  reconstruction
    accelerated rehabilitation, 292
    allogeneic tendon, 457
    complication caused by broken staple, 109
    complications, 146
    freeze-dried allograft, 1
    freeze-dried vs. fresh frozen allograft, 335
    graft force, effect of iliotibial band tenodesis, 169
    graft-force-setting technique, 12
    graft stretching caused by quadriceps contraction, 573
    intraarticular, long-term followup, 484
    intraarticular and extraarticular, 262
    patellar tendon, 154
    synthetic graft augmentation, 43
    tendon augmentation vs. LAD, 585
  repair
    multiple loop suture technique, 354
    semitendinosus tendon augmentation, 64
  tear
    isolated, secondary damage, 475
    surgical treatment, 585
Acromioclavicular joint, dislocation, adjacent clavicular fracture, 321
Acromioclavicular joint separation, 106
Adolescent
  flexibility of junior elite tennis players, 134
  gymnasts,
    disc degeneration, 206
    stress fracture, 432
  osteoid osteoma of the femoral neck, 271
  weight lifter, lumbar apophyseal fracture, 533
Agel J, 406, 510
Ahlfeld SK, 271
Alanen A, 206
Aleshinsky SY, 400
Al-Kilani MA, 267
Allen WC, 470
Allograft
  ACL reconstruction, 457
  freeze-dried ACL, 1, 335
  freeze-dried vs. fresh frozen, ACL reconstruction, 335
  vs autograft, medial collateral ligament, 160
Amatuzzi MM, 466
Amendola A, 29
Anabolic steroids
  abuse, 422
  hypogonadotropic hypogonadism induced by, 429
Andersen KH, 422
Anderson AF, 254
Anderson TE, 480
Animal studies
  cat, ACL loading, quadriceps or hamstring activation, 595
  dog, patellar tendon, effects of removing central third, 146
  monkey, ACL reconstruction, augmented patellar tendon graft, 43
  rabbit
    allograft vs. autograft, 160
    muscle stretching, 300
    passive muscle warming, 141
    patellar tendon transplants, 249
  rats, effects of exercise on ligament healing, 376
Ankle
  instability, lateral, with dislocated peroneal tendons, 539
  strain measurement in lateral ligaments, 196
  taping vs. semirigid orthosis, 498
Announcements, 114, 221, 331, 444, 563, 659
Antagonist musculature, effect of joint velocity, 182
Anterior tibial translation, caused by quadriceps contraction, 573
Anteromedial tibial tubercle transfer, 490
AOSSM society news
  annual meeting, abstracts, 1990, 544
  Kennedy Lecture,
    1989 Evarts CM, 438
    1990 Johnson LL, 649
  presidential address, 1990 (Cox), 658
  sports injury research workshop, 216, 657
  traveling fellow report, 326
Arendt-Nielsen L, 245
Arnoczky SP, 449
Arslanian LE, 366
Arterial injury
  hand, 520
  shoulder, 514
Arthornthurasook A, 41
Arthrometer, KT-1000 testing, 396
Arthroscopy
  elbow, medial approach, 413
  knee, clinical efficacy of bupivacaine, 614
  lateral retinacular release, 343
  shoulder
    anterior, dislocation, 25
    evaluating athletic injuries, 480
    subacromial decompression, 235
Artificial grass, 406, 510
Autograft, vs. allograft, medial collateral ligament, 160
Award paper
  clinical studies, 1987, Sabiston P, 160
  O'Donoghue, 1989, Sitler M, 310

Back, muscle strength, wrestlers and tennis players, 382
Backus SI, 119
Baker CL, 25
Ballet dancers, hip abduction, 286
Bankart procedure, simplified, 129
Baratta R, 182
Barnes R, 280
Baseball pitchers
  subscapular elastofibroma, 642
  suprascapular nerve entrapment, 80
Bassett FH, 591
Becker GJ, 490
Benedict ME, 632
Benum P, 585

Index to Volume 18

Achilles tendon rupture, surgical repair, 188
ACL
  deficient knee
    conservative treatment, 618
    hamstring muscle timing, 245
    meniscus repair, 606
  loading to activate quadriceps or hamstring, 595
  reconstruction
    accelerated rehabilitation, 292
    allogeneic tendon, 457
    complication caused by broken staple, 109
    complications, 146
    freeze-dried allograft, 1
    freeze-dried vs. fresh frozen allograft, 335
    graft force, effect of iliotibial band tenodesis, 169
    graft-force-setting technique, 12
    graft stretching caused by quadriceps contraction, 573
    intraarticular, long-term followup, 484
    intraarticular and extraarticular, 262
    patellar tendon, 154
    synthetic graft augmentation, 43
    tendon augmentation vs. LAD, 585
  repair
    multiple loop suture technique, 354
    semitendinosus tendon augmentation, 64
  tear
    isolated, secondary damage, 475
    surgical treatment, 585
Acromioclavicular joint, dislocation, adjacent clavicular fracture, 321
Acromioclavicular joint separation, 106
Adolescent
  flexibility of junior elite tennis players, 134
  gymnasts,
    disc degeneration, 206
    stress fracture, 432
  osteoid osteoma of the femoral neck, 271
  weight lifter, lumbar apophyseal fracture, 533
Agel J, 406, 510
Ahlfeld SK, 271
Alanen A, 206
Aleshinsky SY, 400
Al-Kilani MA, 267
Allen WC, 470
Allograft
  ACL reconstruction, 457
  freeze-dried ACL, 1, 335
  freeze-dried vs. fresh frozen, ACL reconstruction, 335
  vs autograft, medial collateral ligament, 160
Amatuzzi MM, 466
Amendola A, 29
Anabolic steroids
  abuse, 422
  hypogonadotropic hypogonadism induced by, 429
Andersen KH, 422
Anderson AF, 254
Anderson TE, 480
Animal studies
  cat, ACL loading, quadriceps or hamstring activation, 595
  dog, patellar tendon, effects of removing central third, 146
  monkey, ACL reconstruction, augmented patellar tendon graft, 43
  rabbit
    allograft vs. autograft, 160
    muscle stretching, 300
    passive muscle warming, 141
    patellar tendon transplants, 249
  rats, effects of exercise on ligament healing, 376
Ankle
  instability, lateral, with dislocated peroneal tendons, 539
  strain measurement in lateral ligaments, 196
  taping vs. semirigid orthosis, 498
Announcements, 114, 221, 331, 444, 563, 659
Antagonist musculature, effect of joint velocity, 182
Anterior tibial translation, caused by quadriceps contraction, 573
Anteromedial tibial tubercle transfer, 490
AOSSM society news
  annual meeting, abstracts, 1990, 544
  Kennedy Lecture,
    1989 Evarts CM, 438
    1990 Johnson LL, 649
  presidential address, 1990 (Cox), 658
  sports injury research workshop, 216, 657
  traveling fellow report, 326
Arendt-Nielsen L, 245
Arnoczky SP, 449
Arslanian LE, 366
Arterial injury
  hand, 520
  shoulder, 514
Arthornthurasook A, 41
Arthrometer, KT-1000 testing, 396
Arthroscopy
  elbow, medial approach, 413
  knee, clinical efficacy of bupivacaine, 614
  lateral retinacular release, 343
  shoulder
    anterior, dislocation, 25
    evaluating athletic injuries, 480
    subacromial decompression, 235
Artificial grass, 406, 510
Autograft, vs. allograft, medial collateral ligament, 160
Award paper
  clinical studies, 1987, Sabiston P, 160
  O'Donoghue, 1989, Sitler M, 310

Back, muscle strength, wrestlers and tennis players, 382
Backus SI, 119
Baker CL, 25
Ballet dancers, hip abduction, 286
Bankart procedure, simplified, 129
Baratta R, 182
Barnes R, 280
Baseball pitchers
  subscapular elastofibroma, 642
  suprascapular nerve entrapment, 80
Bassett FH, 591
Becker GJ, 490
Benedict ME, 632
Benum P, 585

Berg EE, 129
Berke A, 249
Bicycling injuries, prevention of head injuries, 96
Bishop PJ, 201
Bittar ES, 335
Black KP, 225
Blasier RB, 435
Blood flow, impedance by external compression, 92
Body load, effect of heel counter in running, 177
Bojanić I, 277
Bonamo JJ, 618
Book reviews
Arthroscopy of the Knee, 442
Comprehensive Care of Orthopaedic Injuries in the Elderly, 217
Exercise Physiology: Theory and Application to Fitness and Performance, 217
Foot Orthoses: Principles and Clinical Applications, 442
Imaging of Sports Injuries, 113
Management of Common Musculoskeletal Disorders: Physical Therapy Principles and Methods, 217
Pernkopf Anatomy: Atlas of Topographic and Applied Human Anatomy. Volume I: Head and Neck, 113
Sports Neurology, 113
Winter Sports Medicine, 113
Books received, 330, 443, 562, 658
Bouter LM, 600
Bovens AMPM, 58
Bowling injuries, stenosing tenosynovitis, 214
Boxing, prevention of injuries, 98
Boyle JJ, 196
Bradley JP, 188
Branch TP, 335
Brand RA, 595
Break-away bases, prevention of softball injuries, 632
Brourman S, 539
Browne TD, 533
Buccini RV, 96
Bupivacaine, clinical efficacy in knee arthroscopy, 614
Burks RT, 146
Burner syndrome, football, 591
Burroughs P, 376

Cahalan TD, 400
Campion ER, 614
Carry M, 80
Cervical spine injuries
football, 50
prevention, 201
Cervical stenosis, football players, 507
Chandler, TJ, 134
Chao EYS, 400
Children, tibial stress fracture, bilateral, 323
Chondroma, knee, 536
Chrisman-Snook procedure, lateral ankle instability with dislocated peroneal tendons, 539
Clavicle, fracture with acromioclavicular dislocation, 321
Cole KJ, 595
Collagen biosynthesis, patellar tendon transplants, 249
Colville MR, 196
Compartment syndrome
diagnosis, 35
magnetic resonance imaging, 29
posterior compartment pressure measurements, 74
Coulam C, 254
Cox J, 568
Cross MJ, 645
Cybex evaluation
shoulder abduction strength, 349
strength in figure skaters, 400

Dacron ligament prosthesis, acromioclavicular joint separation, 106
Dahners LE, 376
Dalton JD, 300
D'Ambrosia R, 182
Debets PML, 418
Debets-Eggen HBL, 418
DeMasi RA, 614
Dennis S, 507
Derosa GP, 271
DiCarlo EF, 449
Dillin WH, 507
Dillingham MF, 280
Dislocation, anterior shoulder, arthroscopy, 25
Donatelli R, 124
Donati RB, 323
Draganich LF, 262
Drugs, anabolic steroid abuse, 422, 568
Dubravčić S, 277
Duncan KH, 211
Dunlap J, 43
Dzioba RB, 343

Echo BS, 323
Editorial, Changing of the Guard, 567
Ekelund AL, 108
Ekenman I, 524
Elbow, arthroscopy, medial approach, 413
Elledge JR, 87
Ellison AE, 129
EMG
muscle analysis, back in wrestlers and tennis players, 382
shoulder, during golf swing, 137
Engebretsen L, 169, 585
Engström B, 101
Epidemiology
cervical spine injuries, in football, 50
football injuries, artificial turf, 510
injuries in Scottish heavy athletics, 529
soccer injuries, 101
volleyball injuries, 624
Eriksson E, 524
Ethylene oxide-sterilized allografts, ACL, 1
Evarts CM, 438
Exercise
blood flow impedance by external compression, 92
effect on ligament healing, 376

Farnsworth S, 359
Fasting O, 585
Fay C, 618
Fazzi A, 466
Femoral neck stress fracture, 524
Ferrari DA, 20
Fibular shaft fracture, isolated, 209
Figure skating injuries, stress fractures, 277
Figure skating, strength training, 400
Finerman GAM, 229
Finsterbush A, 475
Firestone T, 618
Fisher DA, 271
Fisher R, 80
Flexibility
junior elite tennis players, 134
shoulder with instability or impingement, 366
Flexor hallucis longus tendon, isolated rupture, 645
Folcik MA, 490
Football, artificial grass, 406
Football injuries
artificial turf, 510
burners, 591
cervical spine, 50

cervical stenosis, 507
metatarsophalangeal joint sprains, 280
prophylactic knee brace, 310
Forssblad M, 101
Fracture
clavicular, with acromioclavicular dislocation, 321
fibula, isolated, 209
lumbar apophyseal, 533
stress, *see* stress fracture
Frank C, 160
Frankl U, 475
Franklin JL, 235
Frontal plane, isokinetic shoulder strength testing, 124
Fulkerson JP, 249, 490
Fullerton LR Jr, 106

Gaew-im K, 41
Garrett WE, 141, 300
Garrick JG, 624
Gause TM, 606
Genucom knee analysis system, 387
Gershuni DH, 35
Gleim GW, 349
Glenohumeral ligament complex, anatomy and histology, 449
Glenohumeral ligaments, anterior shoulder stability, 579
Glenoid labrum, magnetic resonance imaging, 229
Gold DA, 64
Golf, EMG analysis of shoulder during swing, 137
Grace M, 286
Graft, forces in knee with iliotibial band tenodesis, 169
Graft augmentation, synthetic, 43
Graft force-setting technique, ACL reconstruction, 12
Greene TA, 498
Greenfield BH, 124
Grood ES, 387, 396
Gross ML, 229
Gymnastics, disc degeneration, 206
Gymnastics injuries, stress fracture of the olecranon, 432

Hagood S, 182
Hamada M, 457
Hamstring activation, ACL loading, 595
Hamstring injuries, complete rupture of origin, 435
Hamstring muscle timing, ACL deficient knee, 245
Hand, vascular injuries, 520
Handal JA, 606
Hand-held dynamometer, shoulder abduction strength, 349
Haney TC, 642
Hankin FM, 632
Hanks GA, 606
Hansen E-MB, 379
Hargens AR, 35
Haut RC, 146
Head injuries, prevention in bicycling, 96
Health education, injury prevention, 600
Heel counter, effect on body load in heel-strike running, 177
Helmet drop tests, cervical spine injuries, 201
Henderson RC, 614
Hensinger RN, 632
Hillman SK, 498
Hip abduction, ballet dancers, 286
Hirschman LD, 484
Hoeberigs JH, 418
Holt KWG, 645
Hopkinson W, 310
Horibe S, 457
Horseback riding injury, acromioclavicular dislocation with clavicular fracture, 321
Howell SM, 573
Huegel M, 335
Hughston JC, 567
Hunter RE, 12, 169
Hurley JA, 480
Hypogonadotropic hypogonadism, anabolic steroid-induced, 429

Iliopsoas tendon, snapping, surgical correction, 470
Iliotibial band tenodesis, effect on knee joint motion, 169
Indelicato PA, 335
Infraspinatus muscle, paralysis associated with suprascapular nerve injury, 225
Injuries
bowling, *see* bowling
boxing, *see* boxing
figure skating, *see* figure skating
football, *see* football
gymnastics, *see* gymnastics
horseback riding, *see* horseback riding
overuse, prevention with shock absorbing insoles, 636
prevention
downhill skiers, 600
muscle warming, 141
rodeo, *see* rodeo
running, *see* running
Scottish heavy athletics, 529
shoulder, arterial, 514
skiing, *see* skiing
soccer, *see* soccer
softball, *see* softball
volleyball, *see* volleyball
water skiing, *see* water skiing
weight lifting, *see* weight lifting
Inoue M, 457
International Flower Marathon, wheelchair athletes, 418

Jackson DW, 1
Jackson JP, 109
Jacobs P, 80
Jacobson T, 470
Jandø DH, 632
Jarow JP, 429
Jensen SK, 98
Jobe FW, 137
Johansson C, 101, 524
Johns JC, 432
Johnson LL, 649
Joint measurement, reliability, 58
Joint velocity, effect on antagonist musculature, 182
Jordaan G, 636
Jørgensen U, 177

Kalenak A, 606
Kålund S, 245
Kaplan N, 354
Kaufman KR, 400
Kennedy J, 366
Kennedy Lectureship, *see* AOSSM
Kennedy R, 366
Kibler WB, 134
Kinematics, women triple-jumpers, 267
King WD, 209
Kiser A, 134
Knee
arthroscopy, effects of postoperative bupivacaine, 614
chondroma, extraarticular, 536
instability
conservative treatment, 618
Genucom testing, 387
KT-1000 testing, 396
laxity, related to antagonist musculature, 182
nerve entrapment in the popliteal space, 108

pathologic synovial plica, 466
sartorial nerve, 41
secondary damage from isolated ACL tear, 475
surgery, primary repair of ACL, 354
Knee brace, prophylactic, college football, 310
Knee injuries, prevention, 310
Kohn D, 154
Kok G, 600
Kolb R, 310
Kolowich PA, 359
Konradsen L, 379
Kormano M, 206
Kowalczyk C, 12
KT-1000 testing, 396
Kujala UM, 206
Kushner S, 286

Lam T, 160
Lancaster RL, 146
Lancourt JE, 321
Laser surgery, ablation of fibrocartilage and articular cartilage, 316
Lateral retinacular release, arthroscopic, 343
Lautenschlager E, 579
Laxity, shoulder with instability or impingement, 366
Letters to the Editor, 112, 219, 561, 655
Levy IM, 406, 510
Lew WD, 12, 169
Lewis JL, 12, 169
Ligament
healing, effect of exercise, 376
strain measurement in ankle, 196
Ligament augmentation device, ACL reconstruction, 585
Lindenfield TN, 413
Ling M, 262
Lipscomb AB, 254
Lipshultz LI, 429
Lombardo JA, 225
Lumbar ring apophyseal fracture, 533

Mabrey JD, 119
Magnetic resonance imaging
compartment syndrome, 29
disc degeneration in young gymnasts, 206
glenoid labrum, 229
Magnusson SP, 349
Makley JT, 271
Malone T, 141
Mandelbaum BR, 229
Mann G, 475
Marder RA, 196
Matan Y, 475
McCarroll JR, 484
McCarron RF, 533
McCarthy JA, 43
McCarthy WJ, 514, 520
McLennan JE, 529
McLennan JG, 529
Meany JA, 490
Medial collateral ligament, allograft vs. autograft, 160
Meniscus
repair, ACL-deficient knee, 606
staple migration simulating injury, 211
Metatarsophalangeal joint sprains, 280
Meyers MC, 87
Micheli LJ, 366
Mileski RA, 579
Military recruits, prevention of overuse injuries, 636
Miller SD, 74
Miranda M, 490
Mitchell JQ, 271
Mølster A, 585
Morawa LG, 435
Mortensen V, 98
Mubarak SJ, 35
Murphy BJ, 647
Muscle, isometric strength testing and EMG of back muscles, 382
Muscle stretching, biomechanical effects, 300
Muscle warming, passive, 141

Nerve entrapment, popliteal space, 108
Nerve injuries, burners in football, 591
Neves MC, 449
Nicholas JA, 349
Nishioka N, 316
Nitz P, 292
Noakes TD, 636
Nott L, 29
Noyes FR, 387, 396
Nuber GW, 514, 520, 579

O'Brien SJ, 280, 449
O'Connell PW, 579
Odor JM, 507
Olecranon, stress fracture in gymnast, 432
O'Neill MJ, 50
Ono K, 457
Orthosis semirigid vs. taping in ankle, 498
Osteoarthritis, long distance runners, 379
Osteochondritis dissecans, surgical treatment, 254
Osteoid osteoma, femoral neck, 271
Otis JC, 119

Paajanen H, 206
Panariello RA, 64
Parthasarathy N, 249
Patel D, 316
Patella
lateral release, 359
lateral retinacular release, arthroscopic, 343
Patellar tendon
central third in ACL reconstruction, 154
effects of removing central third, 146
freeze-dried vs. fresh frozen ACL allograft, 335
transplant, 249
use in ACL reconstruction, 585
Patellofemoral pain, anteromedial tibial tubercle transfer, 490
Patton WL, 624
Paulos LE, 235, 359
Pećina M, 277
Pedowitz RA, 35
Penrose T, 286
Percutaneous repair of Achilles tendon rupture, 188
Peroneal nerve, irritation caused by broken staple, 109
Peroneal tendon, dislocation, with lateral ankle instability, 539
Perry J, 137
Perry PJ, 422
Pettrone FA, 536
Pink M, 137
Plane of scapula, isokinetic strength testing, 124
Plica, conservative treatment, 466
Pneumothorax, spontaneous in weight lifter, 647
Podolsky A, 400
Polley D, 310
Pope DF, 595
Powell CE, 323
Prevot TJ, 335

Quadriceps
activation by ACL loading, 595

contraction, anterior tibial translation, 573

Rayan GM, 214
Rehabilitation, ACL reconstruction, 292
Reid D, 286
Reider B, 262
Requa RK, 624
Rettig AC, 484
Ringel SP, 80
Rodeo injuries, 87
Rodeo SA, 280
Rorabeck CH, 29
Rosenberg TD, 359
Rozbruck SR, 449
Runners, osteoarthritis, 379
Running, heel counter effect on body load, 177
Running injuries
  fibular shaft fracture, 209
  flexor hallucis longus tendon rupture, 645
Rutt B, 29
Ryan J, 310

Saberi M, 507
Sabiston P, 160
Saboe L, 286
Salmi TT, 206
Samuelson M, 262
Santner TJ, 119
Santomier J, 310
Sartorial nerve, 41
Schafer MF, 514, 520
Schafle MD, 624
Schmidt-Olsen S, 98
Schmitt DJ, 387
Schwartz R, 449
Schwellnus MP, 636
Scottish heavy athletics, 529
Seaber AV, 300
Seeger LL, 229
Semitendinosus tendon, ACL repair augmentation, 64
Sennett B, 50
Settle W, 12
Sgaglione NA, 64
Shaffer BL, 396
Shelbourne KD, 292, 484
Shino K, 457
Shively R, 43
Shock absorbing insoles, military recruits, 636
Short WB, 74
Shoulder
  abduction strength testing, 349
  acromioclavicular dislocation with clavicular fracture, 321
  anatomy of inferior glenohumeral ligament complex, 449
  anterior dislocation, arthroscopic evaluation, 25
  arthroscopic subacromial decompression, 235
  arthroscopy, evaluating athletic injuries, 480
  Bankart procedure, 129
  capsular ligaments, anatomy, 20
  EMG analysis during golf swing, 137
  impingement syndrome, flexibility, laxity, and strength patterns, 366
  instability, flexibility, laxity, and strength patterns, 366
  magnetic resonance imaging, glenoid labrum, 229
  rotational strength, 124
  stability, contribution of glenohumeral ligaments, 579
  suprascapular nerve injuries, 225
  suprascapular neuropathy, 80
  torque measurements, 119
  vascular compromise, 514
Shrive N, 160
Simon TM, 1
Simoneaux SF, 647
Simonsen O, 245
Sinkjær T, 245
Sitler M, 310
Skiing injuries, prevention, 600
Skovron ML, 406, 510
Smith JB, 229
Snapping hip, surgical correction, 470
Sobel M, 539
Soccer injuries, epidemiology, 101
Softball injuries, prevention, 632
Solomonow M, 182
Søndergaard L, 379
Speer KP, 591
Staple migration, mimicking meniscal injury, 211
Stay EJ, 536
Steadman JR, 43
Stenosing tenosynovitis, 214
Sterling JC, 87
Stone E, 134
Stonebrook S, 43
Strand T, 585
Strength, jump height in figure skaters, 400
Strength testing, shoulder abduction, 349
Stress fracture
  femoral neck, diagnosis, 524
  figure skaters, 277
  olecranon, 432
  tibial, bilateral, 323
Stretching, effect on viscoelastic properties of muscle-tendon units, 300
Strickler T, 141
Styf J, 92
Subacromial decompression, open vs. arthroscopic, 235
Subscapular elastofibroma, in young pitcher, 642
Suker JR, 514, 520
Suprascapular nerve injury, infraspinatus paralysis, 225
Suprascapular neuropathy, 80
Svensson M, 382
Swärd L, 382

Taft TN, 614
Talbert CJ, 109
Taylor DC, 300
Tehranzadeh J, 647
Tendon grafts, ACL reconstruction, 457
Tennis, flexibility of junior elite players, 134
Tennis, isometric strength testing and EMG of back muscles, 382
Tertti M, 206
Thomson JD, 109
Tibone JE, 188
Ting A, 209
Tolson H, 87
Torg JS, 50
Törnkvist H, 101, 524
Torque measurement, shoulder, 119
Trauner K, 316
Treihaft M, 80
Triple jump, kinematics, women, 267
Turf toe, 280

Uhl TL, 134
Ultrasound, catheter placement for posterior compartment pressure measurement, 74
Uribe JW, 25

van Baak MA, 58
van Ginkle LA, 396
Varella MH, 466

Vegso JJ, 50
Vellett D, 29
Verstappen FTJ, 58
Vezina W, 29
Volleyball injuries, 624
Vrencken JGPM, 58

Warner JJP, 366
Warren RF, 64, 119, 280, 354, 449, 539
Wasserman RC, 96
Water skiing injuries, rupture of hamstring origin, 435
Watkins RG, 507
Weight lifting injuries
  lumbar apophyseal fracture, 533
  spontaneous pneumothorax, 647
Wells RP, 201
Wheelchair sports medicine, 418
Wheeler DK, 211
Wheeler J, 310
Whitaker HJ, 484
Whitman C, 25
Wickiewicz TL, 64, 280, 354, 449
Widule CJ, 267
Wijnen JAG, 58
Wiley JP, 74
Wilkerson RD, 432
Wilkes J, 124
Windler GE, 1
Wirth CJ, 154
Wiseman DA, 74
Wiss DA, 209
Wojtys EM, 632
Women, triple jump, kinematics, 267
Wooden MJ, 124
Woods GA, 335
Wooten B, 134
Wrestling, isometric strength testing and EMG of back muscles, 382
Wroble RR, 387, 396

Yao JST, 514, 520
Yates WR, 422
Yost RP, 533

Zarins B, 196
Zetterberg C, 382
Zhou BH, 182